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(71) Applicant(s): Samsung Electronics

(54) Title of the invention: Apparatus for Controlling CDMA-Based Mobile Station Transmit Power and Method thereof

Abstract:

The present invention relates to an apparatus for controlling CDMA-based mobile station transmit power and method therefor, comprising a means for estimating a pathloss between a base station and a mobile station from a received signal level, which is received from a base station; a means for producing a control signal by comparing the estimated pathloss with current transmit power; and a means for amplifying the mobile station transmit power to an appropriate level according to the produced control signal.

The present invention changes power level into digital values to process the power level.